

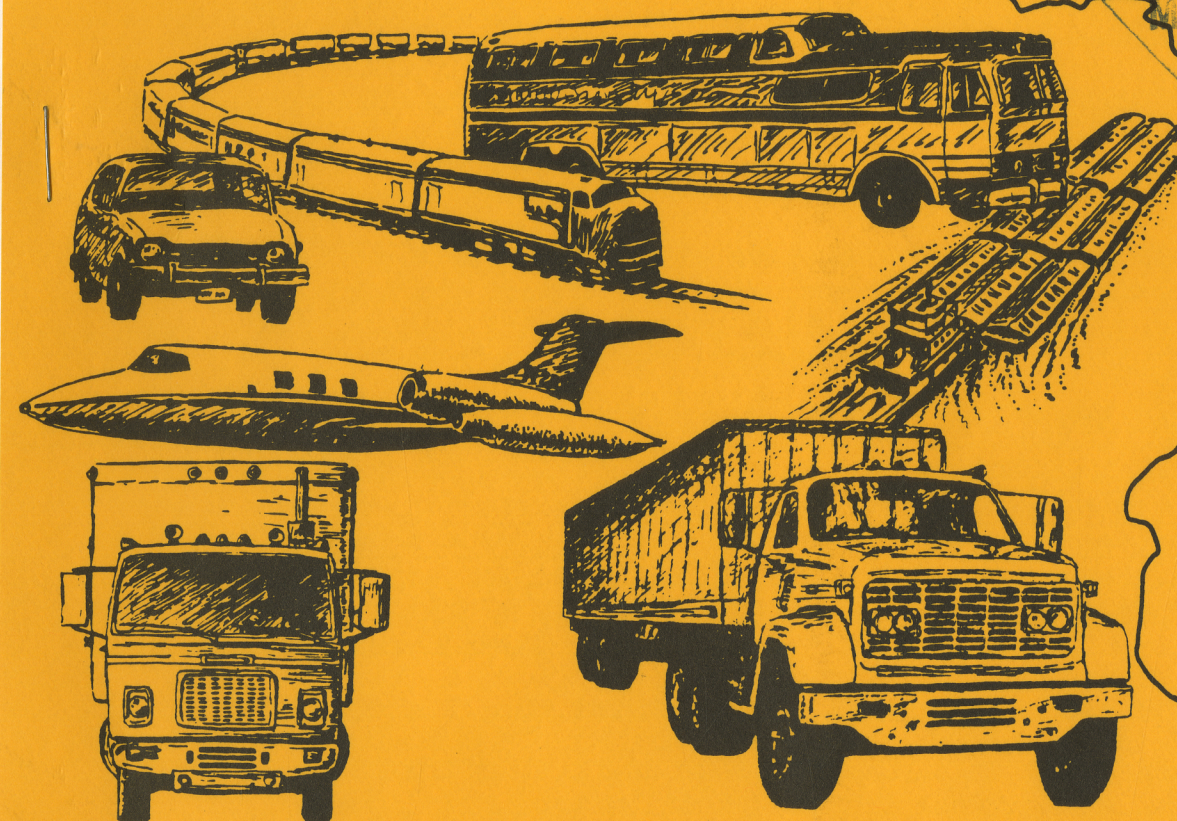


# Transportation Analysis

TA-M386

CSAH 152 from 69th Avenue No. to Zane Avenue

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PREPARED BY  
THE MINNESOTA DEPARTMENT OF TRANSPORTATION  
PROGRAM MANAGEMENT DIVISION  
TRAFFIC FORECASTS SECTION







Minnesota Department of Transportation

Transportation Building, St. Paul, MN 55155

April 23, 1991

Don Jacques  
Preliminary Design  
Hennepin County  
Department of Public Works  
320 Washington Avenue South  
Hopkins, Minnesota 55343-8468

Dear Mr. Jacques:

This report is in response to your letter of March 25, 1991 requesting forecasted year 2010 traffic volumes on CSAH 152 from 69th Avenue North to Zane Avenue North (CSAH 14).

Projected year 2010 Average Weekday Traffic (AWDT) and Heavy Commercial AWDT (HCAWDT) are presented in schematic form on Figure 1. Peak hour volumes (PM and AM) are shown on Figures 2 and 3 respectively.

Peak hour volumes for the AM peak (Figure 3) were obtained by reversing the PM peak hour volumes from Figure 2, e.g., North bound AM = South bound PM, North bound to West bound AM = East bound to South bound PM.

Volumes presented on Figures 1 and 2 are based on the following data sources:

1. Sixteen hour (6 AM to 10 PM) turn counts taken (by Hennepin County) in April, May and June of 1988 and 1989 at CSAH 152 and the following intersections: 69th Avenue North, Noble, Regent, Welcome and Zane Avenue North.
2. Several field trips to the area by Traffic Forecast Section staff in order to take short counts at CSAH 152 and the following intersections: 70th Avenue North, Wingard and Unity Avenue North. In addition, the field trips were used to assess the growth potential of each intersection.





April 23, 1991

Don Jacques  
Preliminary Design  
Hennepin County  
Department of Public Works  
320 Washington Avenue South  
Hopkins, Minnesota 55343-8468

Dear Mr. Jacques:

This report is in response to your letter of March 22, 1991 requesting forecasted year 2010 traffic volumes on CSAN 152 from 69th Avenue North to Kane Avenue North (CSAN 14).

Projected year 2010 Average Weekday Traffic (AWDT) and Heavy Commercial ADT (HCAWD) are presented in schematic form on Figure 1. Peak hour volumes (PM and AM) are shown on Figures 2 and 3 respectively.

Peak hour volumes for the AM peak (Figure 3) were obtained by reversing the PM peak hour volumes from Figure 2, e.g., North bound AM = South bound PM, North bound to West bound AM = East bound to South bound PM.

Volumes presented on Figures 1 and 2 are based on the following data sources:

1. Sixteen hour (6 AM to 10 PM) turn counts taken by Hennepin County in April, May and June of 1988 and 1989 at CSAN 152 and the following intersections: 69th Avenue North, Noble, Regent, Welcome and Kane Avenue North.

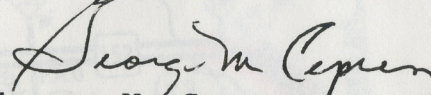
2. Several field trips to the area by Traffic Forecast Section staff in order to take short counts at CSAN 152 and the following intersections: 70th Avenue North, Wagon and Unity Avenue North. In addition, the field trips were used to assess the growth potential of each intersection.

Don Jacques  
April 23, 1991  
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3. Current (1988) and Historic ADT volumes from Flow Maps (Mn/DOT, Hennepin County, Brooklyn Park and Brooklyn Center).
4. Projected AWDT, ADT and Peak Hour (AM and PM) volumes for the year 2010 prepared by BRW for Hennepin County in September of 1988.
5. Computer model assignments of 2010F AWDT, PM peak hour and HCAWD to the 2010 road network (4A3).
6. Computer model assignments of 1988B AWDT to the 2010 road network (4A3).

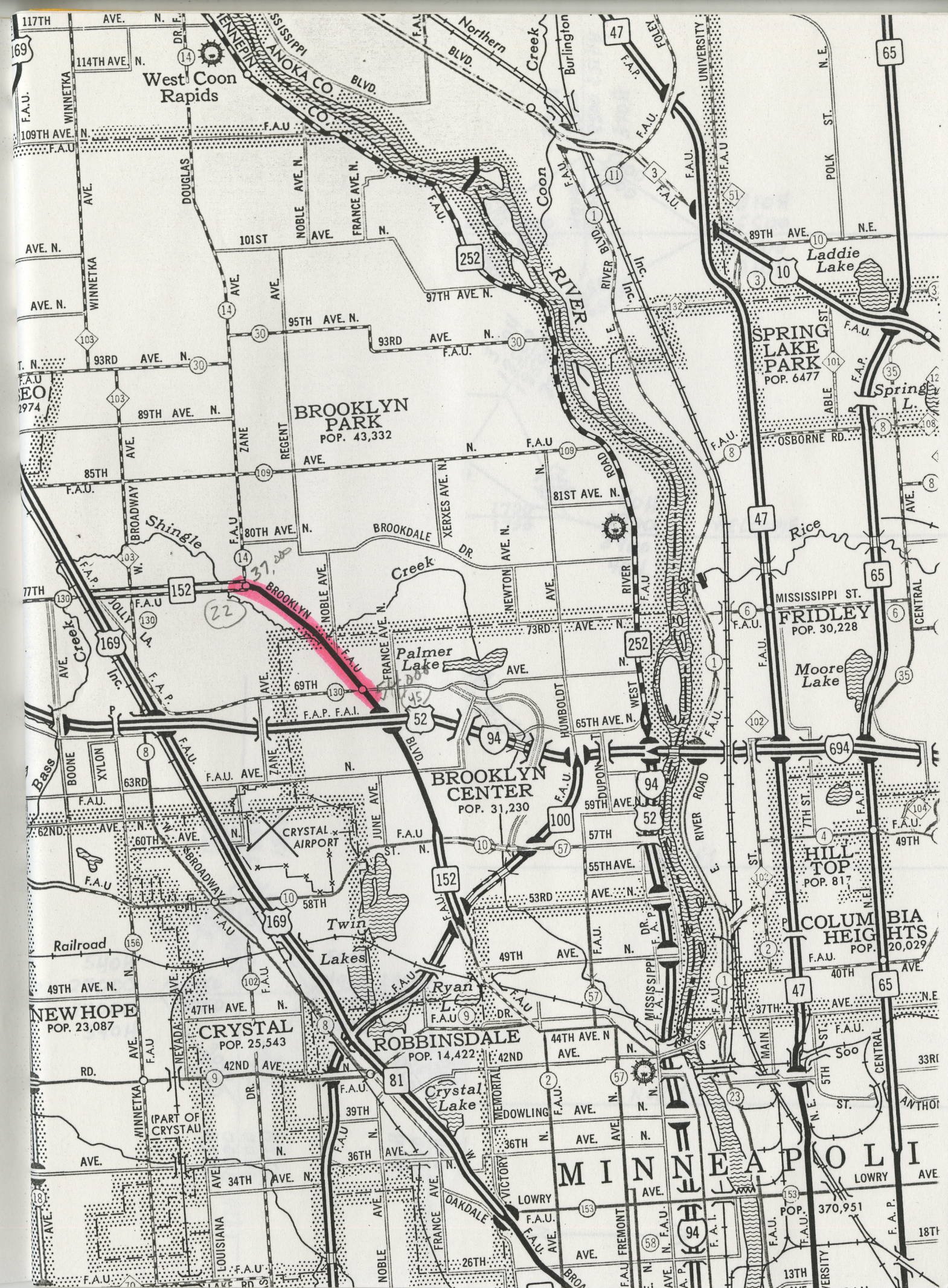
If we may be of further assistance to you, please contact Jim Page at 296-1626.

Sincerely,

  
George M. Cepress  
State Traffic Forecast Engineer

Enclosure





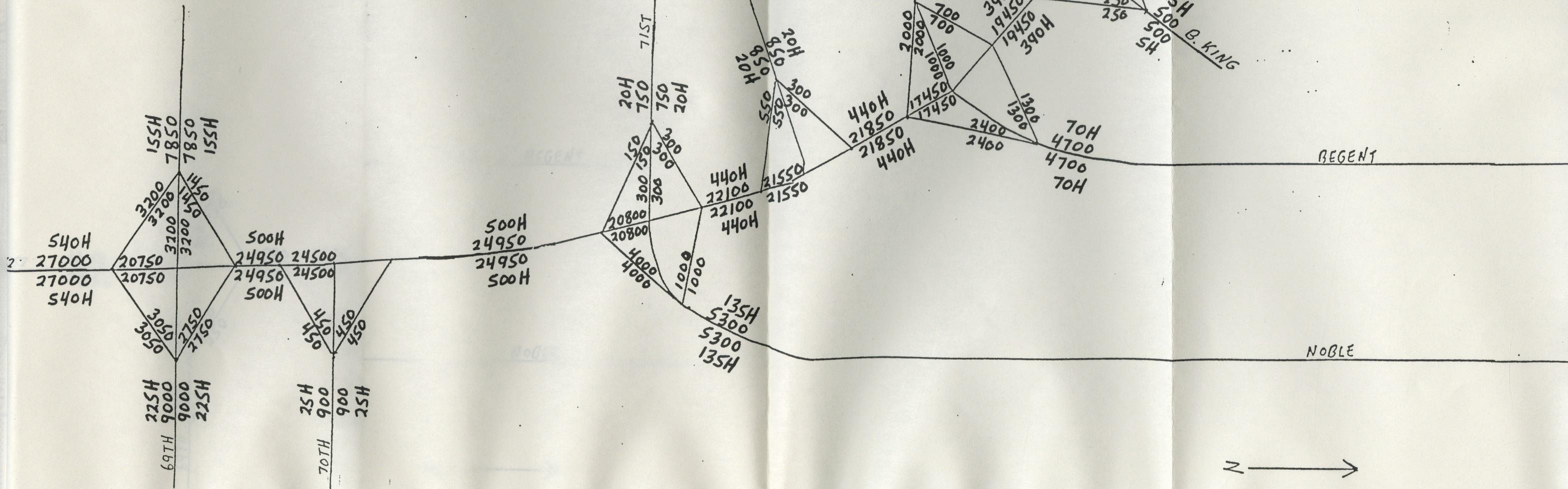


TA-M386: FIGURE 1: CSAH152-69TH TO ZANE

LEGEND

000 - 2010 AWDT

00H - HCAWDT

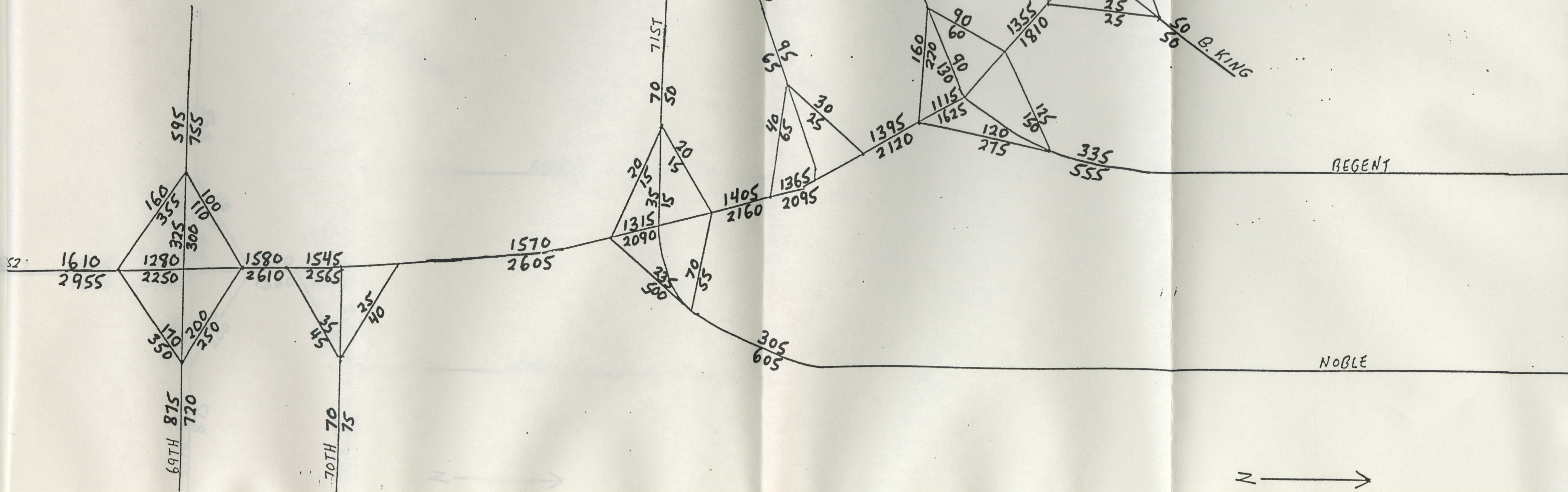




TA-M386: FIGURE 2: CSAH152-69TH TO ZANE

LEGEND

000 - PM PEAK





## LEGEND

$\begin{array}{ccccc} \text{ZANE} & 810 & \begin{array}{c} 120 \\ 210 \end{array} & \begin{array}{c} 80 \\ 80 \end{array} & \begin{array}{c} 320 \\ 345 \end{array} \\ \hline & 565 & \begin{array}{c} 510 \\ 305 \end{array} & & \begin{array}{c} 1890 \\ 1045 \end{array} \end{array}$

